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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/568,745
				Filing Date	02-21-06
				First Named Inventor	Mitsuko Ideno
				Art Unit	1644
				Examiner Name	Z. SKELDING
Sheet	1	of	8	Attorney Docket Number	1422-0709PUS1

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FOREIGN PATENT DOCUMENTS							
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country ³ Code	Number ⁴ Kind Code (if known) ⁵				
	5	WO	00/09168-A1	02-24-2000			<input type="checkbox"/>
	6	WO	01/62895-A2	08-30-2001			<input type="checkbox"/>
	7	WO	03/080817 - A1	02-10-2003			<input type="checkbox"/>
	8	EP	0409655-A2	01-23-1991			<input type="checkbox"/>
	9	EP	1424387 - A1	06-02-2004			<input type="checkbox"/>
	10	EP	1666589 - A1	06-07-2006			<input type="checkbox"/>

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	11	JP	2003-80817 - A	03-19-2003			<input type="checkbox"/>
	12	WO	2004/018667 - A1	03-04-2004			<input type="checkbox"/>
	13	WO	2005/019450 - A1	03-03-2005			<input type="checkbox"/>
	14	JP	3-284700-A	12-16-1991			<input type="checkbox"/>
	15	JP	3-80076-A	04-04-1991			<input type="checkbox"/>
	16	JP	5-271291-A	10-19-1993			<input type="checkbox"/>

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	17	WO	97/01194 - A1	01-09-1997			<input type="checkbox"/>
	18	WO	97/11694 - A1	04-03-1997			<input type="checkbox"/>
	19	WO	99/33863-A1	07-08-1999			<input type="checkbox"/>
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	20	"Animal Cell Culture: A Practical Approach", Edited by R.I. Freshney, IRL Press, Oxford, Washington, D.C., 1986, pp. 26-41	<input type="checkbox"/>
	21	ANIMAL CELL CULTURE METHODS, edited by R. Freshney, Moscow, "Mir", 1989, pages 44, 53, 77 (the original English "Animal Cell Culture - A Practical Approach"), edited by R.I. Freshney, IRL Press, Oxford, Washington, D.C.	<input type="checkbox"/>
	22	BENIGNI, Fabio et al.; Phenotype and Homing of CD4 Tumor-Specific T Cells is Modulated by Tumor Bulk; The Journal of Immunology; 2005, 175, pp. 739-748.	<input type="checkbox"/>
	23	DARDALHON et al., "Highly efficient gene transfer in naive human T cells with a murine leukemia virus-based vector," Blood, Vol. 96, No. 3, 2000, pp. 885-893.	<input type="checkbox"/>
	24	FUNARO et al., "Stimulation of T Cells via CD44 Requires Leukocyte-Function-Associated Antigen Interactions and Interleukin-2 Production", Human Immunology, Vol. 40, 1994, pps. 267-278	<input type="checkbox"/>
	25	GATTINONI et al., "Acquisition of full effector function in vitro paradoxically impairs the in vivo antitumor efficacy of adoptively transferred CD8+ T cells," J. Clin. Invest., Vol. 115, No. 6, 2005, pp. 1616-1626.	<input type="checkbox"/>
	26	HALVORSON et al., "alpha4 and alpha5 integrins costimulate the CD3-dependent proliferation of fetal thymocytes," Cell. Immunol., Vol. 189, No. 1, 1998, pp. 1-9.	<input type="checkbox"/>
	27	HIBINO et al., "Tenascin Suppresses CD3-Mediated T Cell Activation", Biochemical and Biophysical Research Communications, Vol. 250, 1998, pp. 119-124.	<input type="checkbox"/>
	28	IDENO et al., "RetroNectin® Kumiawaseta T Saibo Kakudai Baiyo (II): Kakudai Baiyo sareta T Saibo Shudan wa NaiveT-yo Saibo no Hiritsu ga Takaku, Takai Kogen Nishikino o Hakki," Dai 65 Kai Annual Meeting of the Japan Cancer Association Kiji, 2006, pp. 330.	<input type="checkbox"/>
	29	IDENO et al., "Soshikita Human Fibronectin Fragment Shigeki ni yoru Kasseika CTL no Taiyo Expansion-ho," Dai 62 Kai Annual Meeting of the Japan Cancer Association Kiji, 2003, pp. 175.	<input type="checkbox"/>

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	30	International Search Report in International Application No. PCT/JP02/08298 mailed December 3, 2002	<input type="checkbox"/>
	31	JPO International Search Report, Appl. No. PCT/JP2006/315881, October 10, 2006	<input type="checkbox"/>
	32	JPO International Search Report, Appl. No. PCT/JP2006/319105, January 9, 2007	<input type="checkbox"/>
	33	Kim YOUNG-JUNE et al., "4-1BB Costimulation Promotes Human T Cell Adhesion to Fibronectin", Cellular Immunology 192, 13-23 (1999)	<input type="checkbox"/>
	34	KOBERDA et al., "Effect of anti-CD3/anti-CD28/interleukin-2 stimulation of mononuclear cells on transforming growth factor B inhibition of lymphokine-activated killer cell generation," J. Cancer Res. Clin. Oncol., Vol. 119, 1993, pp. 131-136.	<input type="checkbox"/>
	35	MATSUYAMA et al., "Activation of CD4 cells by fibronectin and anti-CD3 antibody. A synergistic effect mediated by the VLA-5 fibronectin receptor complex," J. Exp. Med., Vol. 170, No. 4, 1989, pp. 1133-1148.	<input type="checkbox"/>
	36	MIKAMO, "Bulk Culture of Human Lymphocytes", Cell Technology, 1995, 14:2, 223-227.	<input type="checkbox"/>
	37	MOSHER, Deane F., Fibronectin, Academic Press Inc., 1-24, authored by Deane F. Mosher, published in 1988.	<input type="checkbox"/>
	38	MURAKI et al., "Retronection® Kumiawaseta T Saibo Kakudai Baiyo (I): Kakudai Baiyo ga Anteika shi, NaiveT-yo Saibo ga Kohiritsu de Zoshoku," Dai 65 Kai Annual Meeting of the Japan Cancer Association Kiji, 2006, pp. 330.	<input type="checkbox"/>
	39	Office Action in Chinese Application No. 200480024172.7 mailed January 15, 2010, including English translation.	<input type="checkbox"/>

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	40	Office Action in Chinese Application No. 200480024172.7 mailed November 30, 2007, including English translation.	<input type="checkbox"/>
	41	RAO, W. H. et al, "Potent Costimulation of Effector T Lymphocytes by Human Collagen Type I," J Immunol, 2000, vol. 165, pp. 4935-4940	<input type="checkbox"/>
	42	Retronectin, 2010, Takara Bio. Inc., http://catalog.takara-bio.co.jp/en/PDFFiles/T100A_B_e.pdf .p.1-8	<input type="checkbox"/>
	43	SAGAWA et al., "Ko-CD3 Kotai to RetroNectin??o Kumiawaseru Koto ni yoru LAK Saibo Inyu Ryoho no Kairyo," Dai 62 Kai Annual Meeting of the Japan Cancer Association Kiji," 2003, pp. 438.	<input type="checkbox"/>
	44	SEKINE, "Expansion of Lymphocytes by Culture with Immobilized Anti-CD3 Monoclonal Antibody and Interleukin-2 for Use in Adoptive Immunotherapy of Cancer Patients", Saibo Baiyo (Cell Culture), Vol. 17, No. 6, 1991, pp. 192-195.	<input type="checkbox"/>
	45	SHUQIN et al., "Induction of Allogenic Cytotoxic T Lymphocytes and Their Culture", Journal of South China Normal University (Natural Science Edition), No. 4, 1994, pp. 11-17 (including partial English language translation)	<input type="checkbox"/>
	46	SIMON, Markus M. et al., The outer surface lipoprotein A of Borrelia burgdorferi provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells", Immunol. Lett., 1995, Vol. 46, No. 3, pp. 137-142.	<input type="checkbox"/>
	47	STOHL et al., "Generation of Cytolytic Activity with Anti-CD3 Monoclonal Antibodies Involves Both IL-2-Independent and -Dependent Components", J. Immunol., Vol. 144, No. 10, May 15, 1990, pp. 3718-3725	<input type="checkbox"/>
	48	STURM, A., et al, "Dual Function of the Extracellular Matrix: Stimulatory for Cell Cycle Progression of Naive T Cells and Antiapoptotic for Tissue-Derived Memory T Cells," The Journal of Immunology, 2004, vol. 173, pp. 3889-3900	<input type="checkbox"/>
	49	Supplementary European Search Report issued by the EPO in corresponding European Application No. 06782667.7 on September 16, 2009.	<input type="checkbox"/>

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	50	TAKAYAMA et al., "Adoptive immunotherapy to lower postsurgical recurrence rates of hepatocellular carcinoma: a randomised trial", The Lancet, Vol. 356, 2000, pp. 802-807	<input type="checkbox"/>
	51	US Office Action for Application No. 10/344,534, dated November 6, 2009	<input type="checkbox"/>
	52	US Office Action for Application No. 10/344,534, mailed May 13, 2008	<input type="checkbox"/>
	53	US Office Action for Application No. 10/344,534, November 24, 2009	<input type="checkbox"/>
	54	US Office Action for Application No. 10/486,512, dated June 25, 2004	<input type="checkbox"/>
	55	US Office Action for Application No. 10/509,055, dated May 11, 2007	<input type="checkbox"/>
	56	US Office Action for Application No. 10/509,055, mailed February 10, 2011	<input type="checkbox"/>
	57	US Office Action, dated August 31, 2010, for US Application No. 11/990,443	<input type="checkbox"/>
	58	US Office Action, dated December 28, 2010, for US Application No. 11/992,661	<input type="checkbox"/>
	59	US Office Action, dated February 10, 2011, for US Application No. 10/509,055	<input type="checkbox"/>

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	61	US Office Action, dated June 9, 2011, for US Application No. 11/992,661	<input type="checkbox"/>
	62	US Office Action, dated March 16, 2011, for US Application No. 11/990,443	<input type="checkbox"/>
	63	US Office Action, dated October 14, 2010, for US Application No. 11/992,661	<input type="checkbox"/>
	64	WHITESIDE et al., "Isolation of Human NK Cells and Generation of LAK Activity, Current Protocols in Immunology", 1996, Supp. 17, Unit 7.7, pages 7.7.1-7.7.11.	<input type="checkbox"/>
	65	WILLIAMS et al., "Fibronectin and VLA-4 in haematopoietic stem cell-microenvironment interactions," Letters to Nature, Vol. 352, 1991, pp. 438-441	<input type="checkbox"/>
	66	WILLS, M. R., et al, "Identification of Naive or Antigen-Experienced Human CD8+ T Cells by Expression of Costimulation and Chemokine Receptors: Analysis of the Human Cytomegalovirus-Specific CD8+ T Cell Response," The Journal of Immunology, 2002, vol. 168, pp. 5455-5464	<input type="checkbox"/>
	67	ZHOU et al., "Molecular Mechanisms Underlying Differential Contribution of CD28 Versus Non-CD28 Costimulatory Molecules to IL-2 Promoter Activation," The Journal of Immunology, Vol. 168, 2002, pp. 3847-3854	<input type="checkbox"/>
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